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AUG 30 2006

PTO/SB/21 (07-06)

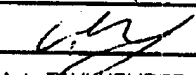
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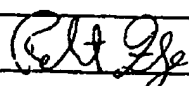
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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/507,273 | |
| | Filing Date | September 3, 2004 | |
| | First Named Inventor | Avto TAVKHELIDZE | |
| | Art Unit | 2879 | |
| | Examiner Name | HINES, Anne M | |
| Total Number of Pages in This Submission | 5 | Attorney Docket Number | 12078 |

| ENCLOSURES (Check all that apply) | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------|--|
| Firm Name | | | |
| Signature |  | | |
| Printed name | Avto TAVKHELIDZE | | |
| Date | 30 August 2006 | Reg. No. | |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
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| Signature |  | | |
| Typed or printed name | Robert Flye | Date | 08/30/2006 |

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Application No. : 10/507,273
Filing Date : September 3, 2004
First Named Inventor : Avto TAVKHELIDZE
Title : Thermionic Vacuum Diode Device with Adjustable Electrodes
Docket No. : 12078
Confirmation No. : 4003

Examiner : HINES, Anne M
Art Unit : 2879

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Faxed: August 30, 2006
to +1.571.273.8300

AMENDMENT

Sir:

In Response to Advisory Action mailed August 23, 2006, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.